

User

//Instance variables

-userName : String

-memesCreated : ArrayList<Meme>

-memesViewed : ArrayList<Meme>

//Constructor

+User(String userName, ArrayList<Meme> memesCreated, ArrayList<Meme> memesViewed)

//Getter methods for instance variables

+getUserName() : String

+getMemesCreated(): ArrayList<Meme>

+getMemesViewed() : ArrayList<Meme>

//Setter methods for instance variables

+setUserName(String userName) : void

+setMemesCreated(ArrayList<Meme> memesCreated) : void

+setMemesViewed(ArrayList<Meme> memesViewed) : void

//Class behavior methods

+rateMeme(Meme m, int rating) : void

+createMeme(BackgroundImage b, String caption) : Meme

+deleteMeme(Meme m) : Boolean

+shareMeme(Feed f, int ratingScore) : void

+calculateReputation() : double

+toString() : String

+equals(Object other) : boolean